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Notice of Allowability	Application No.	Applicant(s)	
	09/727,524	CHEN ET AL.	
	Examiner	Art Unit	
	Insun Kang	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/31/2007.
2. ☒ The allowed claim(s) is/are 1-5, 8-13, 18, 19, 21, 22, and 25-27 (renumbered as 1-18).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20071217</u>. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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MENG-AL XAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Lewis (reg. 39,274) on 12/17/2007.

The application has been amended as follows:

2. In the claims:

1. (Currently amended) A method of processing rich media content, comprising the steps of combining a plurality of diverse rich media content into a single multimedia content file for use as a first input to an authoring tool;

creating ~~[[an]]~~ a first extensible markup language (XML) based textual specification for use as a second input to the authoring tool, wherein the first XML-based textual specification comprises a user-specified vocabulary that defines one or more of the plurality of diverse rich media content and relationships between two or more of the plurality of diverse rich media content;

combining the single multimedia content file and the first XML-based textual specification in accordance with the user-specified vocabulary and using the authoring tool to

create a composed multimedia content file for execution on a multimedia player, wherein the composed multimedia content file is ~~combinable~~ combined with at least one of an additional XML-based textual specification and an additional graphical edit of the plurality of diverse rich media content[[s]];

editing the plurality of diverse rich media content using a graphical authoring tool;

creating a second XML-based textual specification ~~file~~ for the graphically edited diverse rich media content; and

storing the composed multimedia content file and the second XML-based textual specification for access by one or more content creators.

2. (Currently amended) The method of Claim 1 further comprising the step of:

editing at least one of the first and second XML-based textual specification by a user using a text editor.

3. (Currently amended) The method of Claim 1 wherein the step of creating [[an]] at least one of the first and second XML-based textual specification further comprises the step of:

using an XML program to create at least one of the first and second XML-based textual specification.

4. (Currently amended) The method of Claim 1 wherein the step of combining the single multimedia content file and the first XML-based textual specification further comprises the step of:

executing a batch processing program to combine the single multimedia content file and the first XML-based textual specification.

11. (Currently amended) An authoring system for creating text based rich media, comprising:

a processor for receiving a plurality of diverse rich media;

means for assembling the plurality of diverse rich media as a combined multimedia vehicle repository (MVR) file;

means for automatically generating ~~[[an]]~~ a first XML-based textual specification comprising a user-specified vocabulary that defines one or more of the plurality of diverse rich media and relationships between two or more of the plurality of diverse rich media;

means for combining the MVR file and the first XML-based textual specification in accordance with the user-specified vocabulary to create ~~an edited~~ a composed MVR file for execution on a multimedia player, wherein the composed ~~multimedia content file~~ MVR file is ~~combinable~~ combined with at least one of an additional XML-based textual specification and an additional graphical edit of the plurality of diverse rich media content;

means for editing the plurality of diverse rich media content using a graphical authoring tool;

means for creating a second XML-based textual specification ~~file~~ for the graphically edited diverse rich media content; and

means for storing the composed ~~multimedia content~~ MVR file and the second XML-based textual specification for access by one or more content creators.

12. (Currently amended) The apparatus of Claim 11 further comprising:

a batch processing program running on the processor for combining the combined MVR file and the first XML-based textual specification as an edited MVR file.

13. (Currently amended) The apparatus of Claim 11 further comprising:

an XML program running in the processor for translating descriptive text in combining the MVR file and the first XML-based textual specification.

18. (Currently amended) An article of manufacture for processing rich media content, comprising a machine ~~readable~~ storage medium containing one or more programs which when executed implement the steps of:

combining a plurality of diverse rich media content into a single multimedia content file as a first input to an authoring tool;

creating ~~[[an]]~~ a first XML-based textual specification for use as a second input to the authoring tool, wherein the first XML-based textual specification comprises a user-specified vocabulary that defines one or more of the plurality of diverse rich media content and relationships between two or more of the plurality of diverse rich media content; and

combining the single ~~rich media content~~ multimedia content file and the first XML-based textual specification in accordance with the user-specified vocabulary and using the authoring

tool to create a composed multimedia content file for execution on a multimedia player, wherein the composed multimedia content file is ~~combinable~~ combined with at least one of an additional XML-based textual specification and an additional graphical edit of the plurality of diverse rich media contents;

editing the plurality of diverse rich media content using a graphical authoring tool;

creating a second XML-based textual specification ~~file~~ for the graphically edited diverse rich media content; and

storing the composed multimedia content file and the second XML-based textual specification for access by one or more content creators.

19. (Currently amended) The article of manufacture of Claim 18 further comprising:

enabling the editing of at least one of the first and second XML-based textual specification by a user using a text editor.

21. (Currently amended) The article of manufacture of Claim 18 further comprising:

a batch processing program for combining the first XML-based textual specification and the single multimedia content file.

3. In the Drawings:

The following changes to the drawings have been approved by the examiner and agreed upon by applicant: 1) A formal drawing for Fig. 3; 2) Fig. 2: the figure 20 recited in

specification (page 4 and 6) to be deleted; 3) 13 and 16 shown in Fig. 2 but not described in the specification to be resolved; 4) Fig. 4: 400 recited in page 7 to be deleted. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

4. In the specification:

Page 1, first paragraph, lines 10-11, has been changed as follows,

“Serial No. 09/727,491 entitled "Automatic Multi-Stage Rich-Media Content Creation Using a Framework - Systems, Methods and Program Products", filed December 4, ~~1999~~ 2000

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Insun Kang whose telephone number is 571-272-3724. The examiner can normally be reached on M-F 8:30-5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MENG AI AN can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from

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a USPTO Customer Service Representative or access to the automated information system, call
800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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